

FIELD OFFICE TECHNICAL GUIDE Sec. II
WASTE DISPOSAL INTERPRETATIONS

Sanitary Facilities - Part 1.

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Montgomery County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
8B: Judson-----	95	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage Slope	0.50 0.33
8C: Judson-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Very limited Slope Seepage	1.00 0.50
9: Marshall-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage	0.50
9B: Marshall-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.33
9C: Marshall-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
9C2: Marshall-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
9D: Marshall-----	100	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
9D2: Marshall-----	100	Somewhat limited Slope restricted permeability	 0.63 0.25	Very limited Slope Seepage	 1.00 0.50
11B: Ackmore-----	40	Very limited Flooding Depth to saturated zone restricted permeability	 1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	 1.00 1.00 0.50
Colo-----	35	Very limited Flooding Depth to saturated zone restricted permeability	 1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	 1.00 1.00 0.50
24D: Shelby-----	90	Somewhat limited Restricted permeability Slope Depth to saturated zone	 0.91 0.63 0.43	Very limited Slope	 1.00
24D2: Shelby-----	90	Somewhat limited Restricted permeability Slope Depth to saturated zone	 0.91 0.63 0.43	Very limited Slope	 1.00
24E: Shelby-----	100	Very limited Slope Restricted permeability Depth to saturated zone	 1.00 0.91 0.43	Very limited Slope	 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
24E2: Shelby-----	100	Very limited Slope	1.00	Very limited Slope	1.00
		Restricted permeability	0.91		
		Depth to saturated zone	0.43		
24F: Shelby-----	100	Very limited Slope	1.00	Very limited Slope	1.00
		Restricted permeability	0.91		
		Depth to saturated zone	0.43		
33D2: Steinauer-----	100	Somewhat limited Restricted permeability	0.91	Very limited Slope	1.00
		Slope	0.63		
33E2: Steinauer-----	100	Very limited Slope	1.00	Very limited Slope	1.00
		Restricted permeability	0.91		
43: Bremer-----	95	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.91		
54: Zook-----	95	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.99		

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		Rating class and limiting features	Value	Rating class and limiting features	Value
54+: Zook-----	95	Very limited Flooding Depth to saturated zone Restricted permeability	 1.00 1.00 0.99	Very limited Flooding Depth to saturated zone	 1.00 1.00
60D2: Malvern-----	100	Very limited Depth to saturated zone Restricted permeability Slope	 1.00 0.99 0.63	Very limited Slope Depth to saturated zone	 1.00 1.00
76B: Ladoga-----	100	Very limited Restricted permeability Depth to saturated zone	 1.00 0.40	Somewhat limited Seepage Slope	 0.50 0.33
76C: Ladoga-----	100	Very limited Restricted permeability Depth to saturated zone	 1.00 0.40	Very limited Slope Seepage	 1.00 0.50
76C2: Ladoga-----	100	Very limited Restricted permeability Depth to saturated zone	 1.00 0.40	Very limited Slope Seepage	 1.00 0.50
76D: Ladoga-----	100	Very limited Restricted permeability Slope Depth to saturated zone	 1.00 0.63 0.40	Very limited Slope Seepage	 1.00 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
76D2: Ladoga-----	100	Very limited Restricted permeability Slope Depth to saturated zone	1.00 0.63 0.40	Very limited Slope Seepage	1.00 0.50
88: Nevin-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
93D2: Shelby-----	55	Somewhat limited Restricted permeability Slope Depth to saturated zone	0.91 0.63 0.43	Very limited Slope	1.00
Adair-----	35	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.63	Very limited Slope Depth to saturated zone	1.00 1.00
99C2: Exira-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
99D2: Exira-----	100	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
99D3: Exira-----	100	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
99E2: Exira-----	100	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
133: Colo-----	90	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
133+: Colo-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
134: Zook-----	100	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.99	Very limited Flooding Depth to saturated zone	1.00 1.00
175D: Dickinson-----	100	Very limited Filtering capacity Slope	1.00 0.63	Very limited Slope Seepage	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
179D: Gara-----	100	Very limited Restricted permeability Slope Depth to saturated zone	1.00 0.63 0.43	Very limited Slope	1.00
179D2: Gara-----	100	Very limited Restricted permeability Slope Depth to saturated zone	1.00 0.63 0.43	Very limited Slope	1.00
179E: Gara-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 1.00 0.43	Very limited Slope	1.00
179E2: Gara-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 1.00 0.43	Very limited Slope	1.00
179F: Gara-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 1.00 0.43	Very limited Slope	1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
192D2: Adair-----	95	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.63	Very limited Slope Depth to saturated zone	1.00 1.00
212: Kennebec-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50
212+: Kennebec-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50
220: Nodaway-----	90	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50
222C2: Clarinda-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
222D2: Clarinda-----	100	Very limited Depth to saturated zone Restricted permeability Slope	1.00 1.00 0.63	Very limited Slope Depth to saturated zone	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
269: Humeston-----	95	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.32
273B: Olmitz-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage Slope	0.50 0.33
273C: Olmitz-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Very limited Slope Seepage	1.00 0.50
318F2: Clanton-----	100	Very limited Restricted permeability Slope Depth to saturated zone	1.00 1.00 0.43	Very limited Slope	1.00
370B: Sharpsburg-----	100	Somewhat limited Restricted permeability Depth to saturated zone	0.91 0.40	Somewhat limited Seepage Slope	0.50 0.33
370C: Sharpsburg-----	100	Somewhat limited Restricted permeability Depth to saturated zone	0.91 0.40	Very limited Slope Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
370C2: Sharpsburg-----	100	Somewhat limited Restricted permeability Depth to saturated zone	0.91 0.40	Very limited Slope Seepage	1.00 0.50
370D: Sharpsburg-----	100	Somewhat limited Restricted permeability Slope Depth to saturated zone	0.91 0.63 0.40	Very limited Slope Seepage	1.00 0.50
370D2: Sharpsburg-----	100	Somewhat limited Restricted permeability Slope Depth to saturated zone	0.91 0.63 0.40	Very limited Slope Seepage	1.00 0.50
423D2: Bucknell-----	100	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope Depth to saturated zone	1.00 1.00
430: Ackmore-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
509: Marshall-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
509B: Marshall-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.33
509C2: Marshall-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
517D2: Hesch Variant-----	100	Very limited Filtering capacity Slope restricted permeability	1.00 0.63 0.35	Very limited Slope Seepage	1.00 1.00
517E: Hesch Variant-----	100	Very limited Slope Filtering capacity restricted permeability	1.00 1.00 0.35	Very limited Slope Seepage	1.00 1.00
692D2: Mayberry-----	100	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.16	Very limited Depth to saturated zone Slope	1.00 1.00
751D2: Northboro-----	100	Somewhat limited Restricted permeability Depth to saturated zone Slope	0.91 0.43 0.16	Very limited Slope Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
822D2: Lamoni-----	100	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		Restricted permeability	0.99	Depth to saturated zone	1.00
		Slope	0.63		
870: Sharpsburg-----	100	Somewhat limited Restricted permeability	0.91	Somewhat limited Seepage	0.50
		Depth to saturated zone	0.40		
870B: Sharpsburg-----	100	Somewhat limited Restricted permeability	0.91	Somewhat limited Seepage	0.50
		Depth to saturated zone	0.40	Slope	0.33
870C2: Sharpsburg-----	100	Somewhat limited Restricted permeability	0.91	Very limited Slope	1.00
		Depth to saturated zone	0.40	Seepage	0.50
1220: Nodaway-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.71
		restricted permeability	0.25	Seepage	0.50
1233: Corley-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		restricted permeability	0.25	Seepage	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
1299: Minden-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Somewhat limited Depth to saturated zone Seepage	0.71 0.50
1368: Macksburg-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Depth to saturated zone Seepage	1.00 0.50
5010: Pits-----	100	Not rated		Not rated	
5030: Pits-----	100	Not rated		Not rated	
5040: Orthents-----	100	Not rated		Not rated	
W: Water-----	100	Not rated		Not rated	